

10982031-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shirley Lee et al.

Serial No.: 09/702,185

5 Filing Date: October 30, 2000

Title: INK AND UNDERPRINTING FLUID COMBINATIONS WITH IMPROVED INKJET PRINT IMAGE COLOR AND STABILITY

10 **DECLARATION UNDER 37 CFR §1.132**


I, Shirley Lee, am the primary inventor in the above-referenced application. In the course of my research, I have become familiar with methods used to measure the molecular weight of various types of polymers.

15 I am very familiar with the cationic polyelectrolytes used in the present application. They were obtained from Sartomer. During our many conversations with Sartomer's technical staff, Sartomer states that the molecular weight of the polyelectrolytes was measured using gel permeation chromatography (GPC). Such a calibration method results in a measurement of weight average molecular weight.

20 The cationic polyelectrolytes used here are of a midrange molecular weight which could feasibly be measured by either weight average molecular weight or number average molecular weight. A molecule having a noticeably smaller molecular weight than this would generally be measured by number average molecular weight. Furthermore, a molecule significantly larger than the cationic polyelectrolytes used here
25 would generally to be measured by weight average molecular weight. In any case, it is clear that weight average molecular weight was used here because of the information provided by the manufacturer about the calibration method.

All statements made in this Declaration which are of my own knowledge are true and all statements made on information and belief are believed to be true. I have also been warned that willful false statements and the like are punishable by fine or imprisonment or both (18 U.S.C. 1001) and that such false statements may jeopardize the validity of the present application or any patent issuing therefrom.

Further declarant sayeth not.



Shirley Lee

Date: 9/22/2003